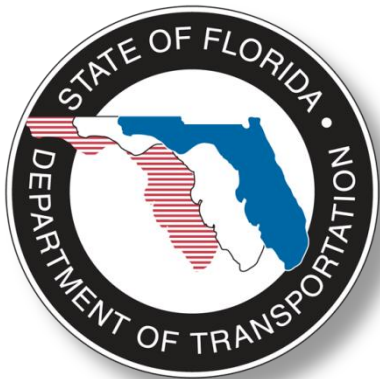


# *Efficient Transportation Decision Making (ETDM) Process*



Project Development &  
Environment Training

November 5, 2012



# Acronyms

- ◆ ACE - Alternative Corridor Evaluation
- ◆ AN – Advance Notification
- ◆ AOA – Agency Operating Agreements
- ◆ CEE – Cumulative Effects Evaluation
- ◆ CLC – Community Liaison Coordinator
- ◆ CPI – Cooperating/Participating Agencies Invitations
- ◆ DOE – Degree of Effect
- ◆ EST – Environmental Screening Tool
- ◆ ETAT – Environmental Technical Advisory Team
- ◆ ETDM – Efficient Transportation Decision Making
- ◆ FA – Funding Agreement
- ◆ LRTP – Long Range Transportation Plan



# Acronyms

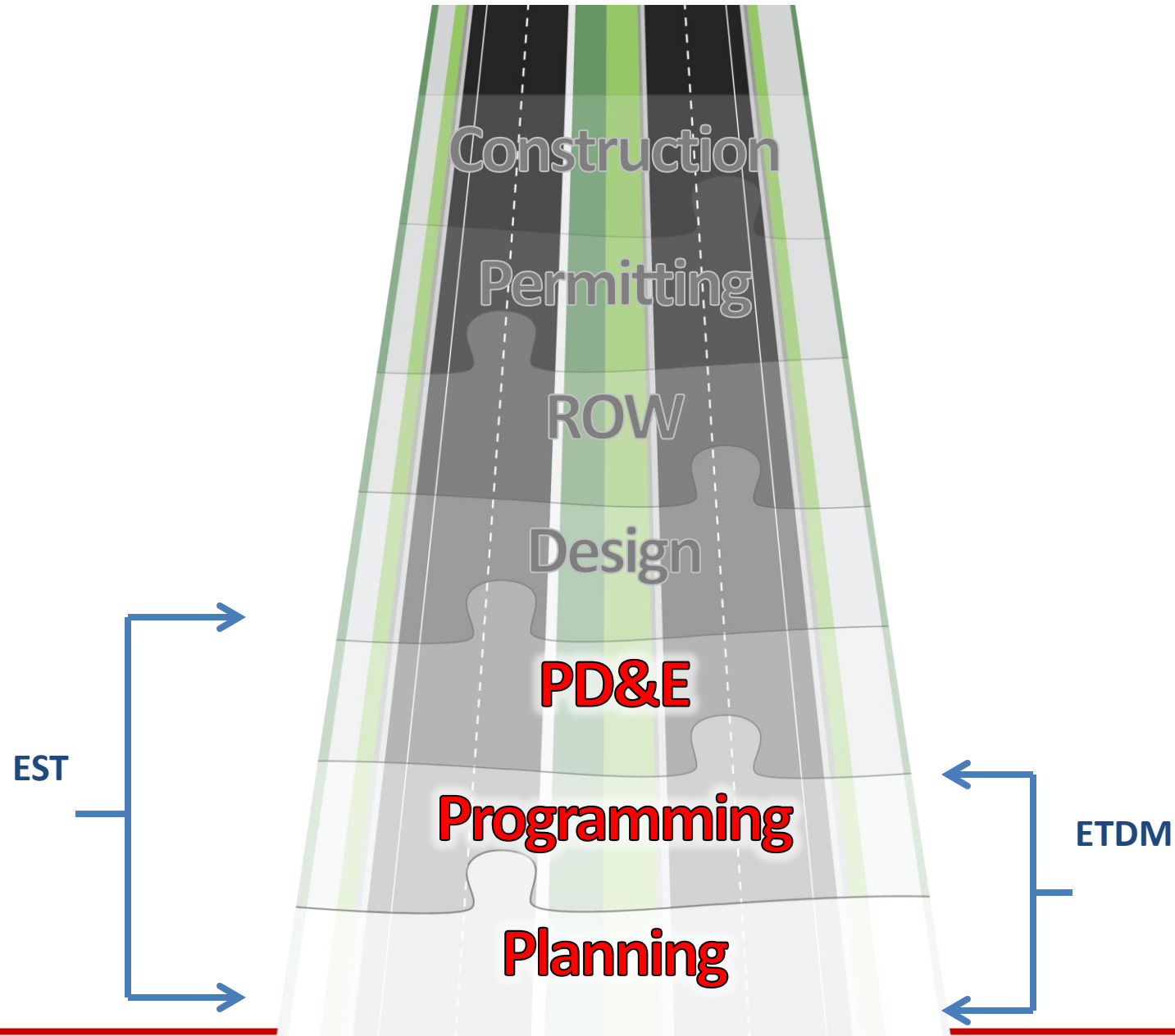
- ◆ MAP-21 – Moving Ahead for Progress in the 21st Century
- ◆ MOU – Memorandum of Understanding
- ◆ MPO – Metropolitan Planning Organization
- ◆ NEPA – National Environmental Policy Act
- ◆ PD&E – Project Development and Environment
- ◆ PE – Project Effects
- ◆ PED – Preliminary Environmental Discussion
- ◆ SAFETEA-LU – Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
- ◆ SDOE – Summary Degree of Effect
- ◆ SIS – Strategic Intermodal System
- ◆ STIP – State Transportation Improvement Program
- ◆ TIP – Transportation Improvement Program



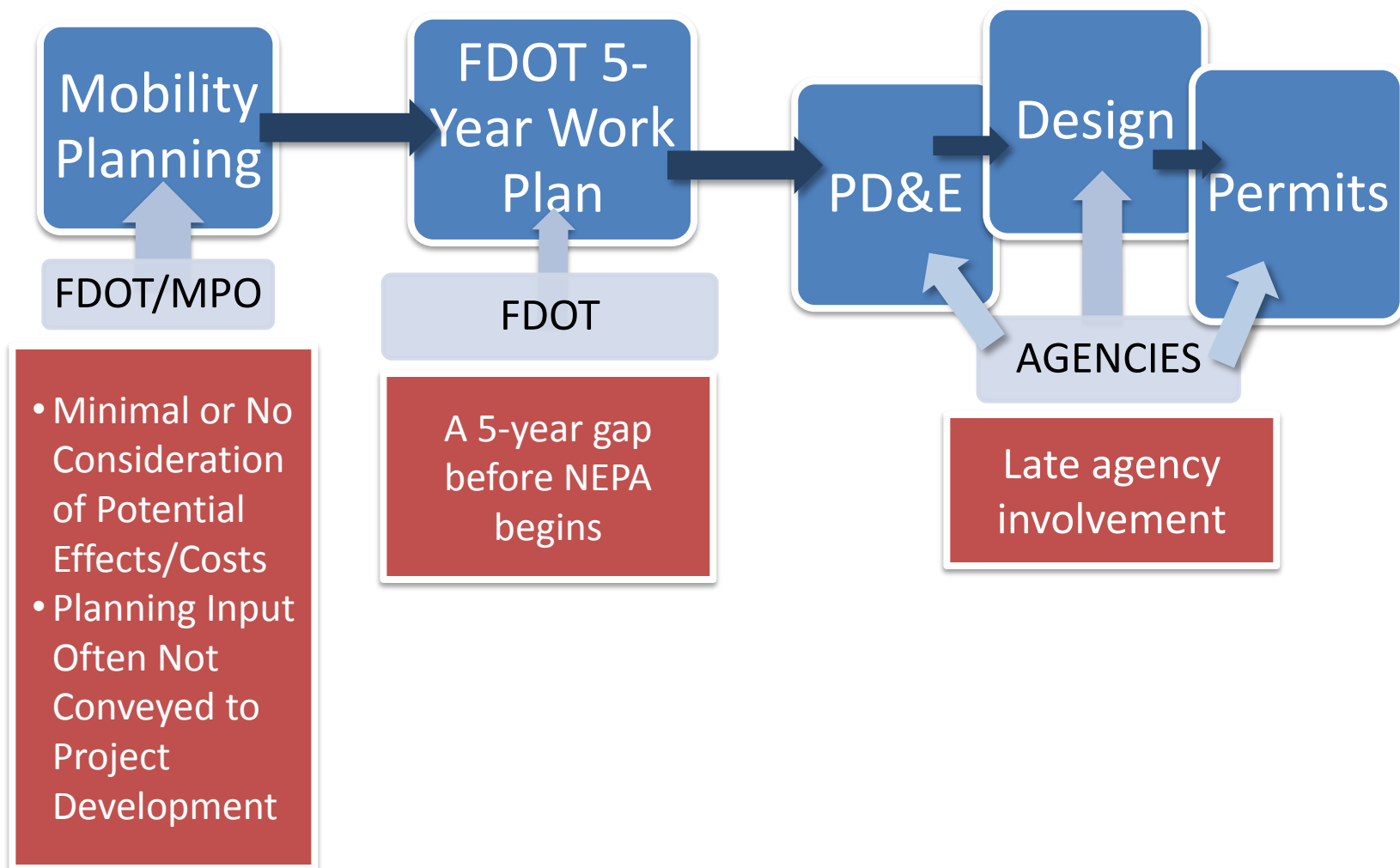
# Outline

- ◆ When does ETDM Process occur?
- ◆ Why do ETDM?
- ◆ ETDM Process Description
- ◆ Agency Agreements
- ◆ Participant Responsibilities
- ◆ Environmental Screening Tool
- ◆ Questions

# When does the evaluation occur?



# Previous Project Delivery Process





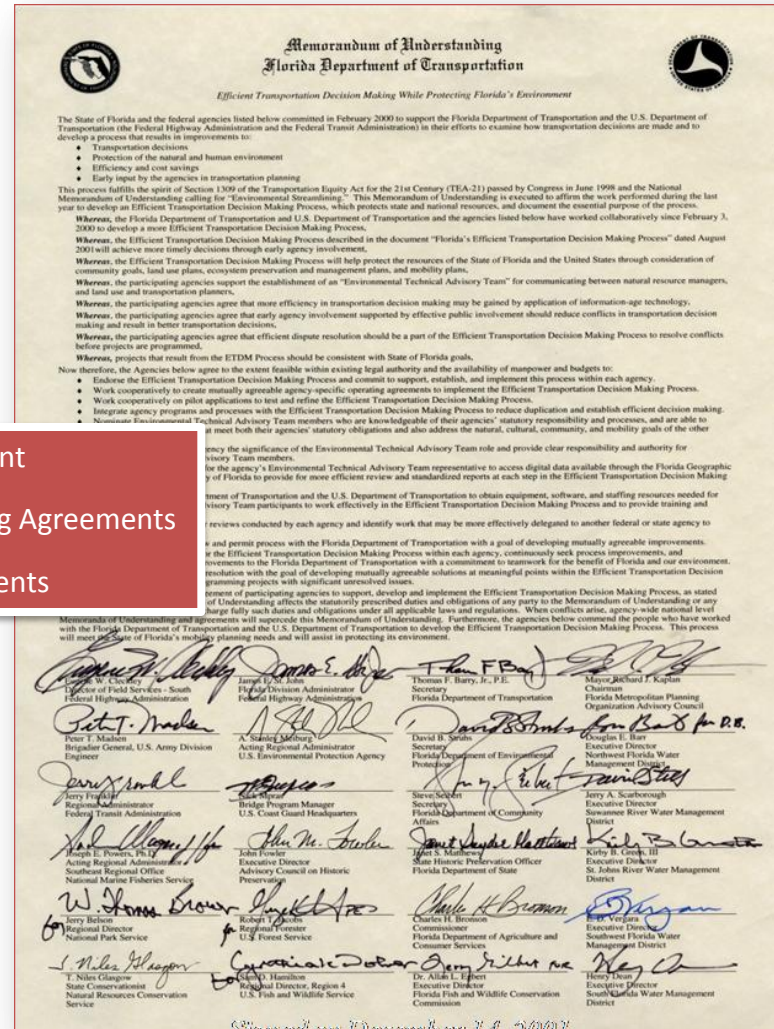
# ETDM Process

- ◆ A way of planning and developing major transportation projects that expedites project delivery without sacrificing the quality of the human and natural environments
- ◆ Enables agencies and the public to provide early input to FDOT and MPOs about the potential effects of proposed transportation projects
  - *Open communication and transparent decision documentation*
  - *Earlier/Better definition of issues, feasibility, and potential costs*
  - *No re-education at the permitting stage*
  - *Expected reduction in late project challenges and litigation – meaningful dispute resolution mechanisms*
- ◆ Helps satisfy streamlining objectives of MAP-21 and SAFETEA-LU, and other FHWA initiatives like Every Day Counts (EDC)

# Memorandum of Understanding



1. Master Agreement
2. Agency Operating Agreements
3. Funding Agreements





# ETDM Participants

More than 30 state, federal, and local agencies and tribal governments

Federal Highway Administration (FHWA)

Federal Transit Agency (FTA)

US Army Corp of Engineers (USACE)

US Coast Guard (USCG)

US Environmental Protection Agency (USEPA)

USDA Natural Resources Conservation Service (NRCS)

US Fish & Wildlife Service (USFWS)

US Forest Service (USFS)

National Marine Fisheries Service (NMFS)

National Park Service (NPS)

Seminole Tribe

Miccosukee Tribe

County Governments

Regional Planning Councils (RPCs)

Metropolitan Planning Organizations (MPOs)

Florida Department of Environmental Protection (FDEP)

Florida Department of Economic Opportunity (FDEO)

Florida Department of Transportation (FDOT)

Florida Fish and Wildlife Conservation Commission (FFWCC)

Northwest Florida Water Management District (NFWFMD)

South Florida Water Management District (SFWMD)

Southwest Florida Water Management District (SWFWMD)

St. Johns River Water Management District (SJRWMD)

Suwannee River Water Management District (SRWMD)

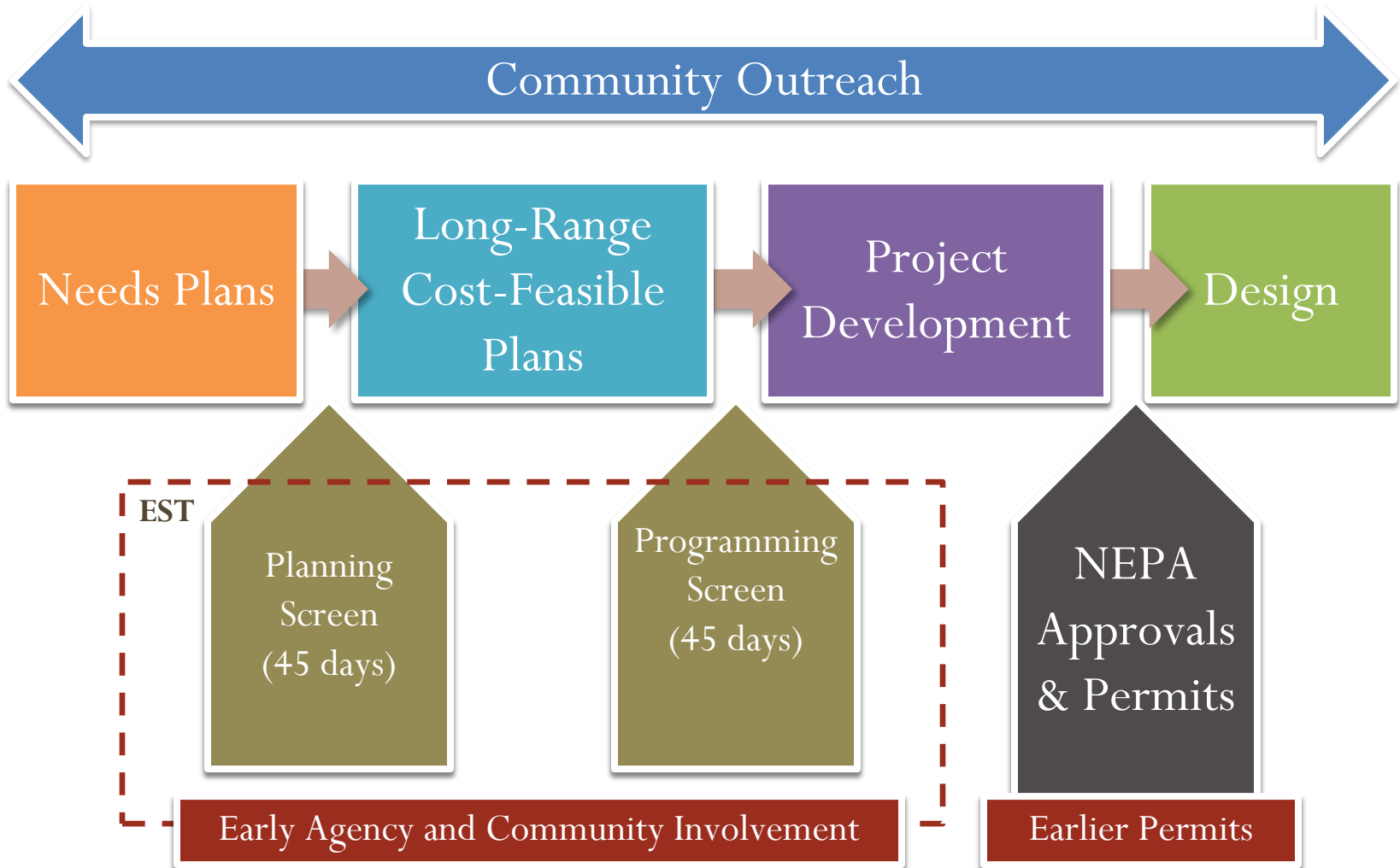
# ETAT Representatives

- ◆ Well versed in the statutory authority
- ◆ Knowledgeable of the agency actions required at each phase
- ◆ Able to perform and understand comprehensive environmental impact analyses
- ◆ Respected within the agency
- ◆ Access to key decision makers
- ◆ Create solutions and function as a problem solver
- ◆ Effective in dispute resolution
- ◆ Single point of contact

# Issues Agencies Comment On

- Aesthetics
- Air Quality
- Coastal and Marine
- Contaminated Sites
- Economic
- Farmlands
- Floodplains
- Historic and Archaeological Sites
- Infrastructure
- Land Use
- Mobility
- Navigation
- Recreation Areas
- Relocation
- Noise
- Section 4(f) Potential
- Social/Community Concerns
- Special Designations
- Water Quality and Quantity
- Wetlands
- Wildlife and Habitat

# ETDM Process Overview



# Qualifying Roadway Projects

- ◆ Additional through lanes that add capacity to an existing road
- ◆ New roadway, freeway, or expressway\*
- ◆ Highway providing new access to an area \*
- ◆ New or reconstructed arterial highway (e.g. realignment) \*
- ◆ New circumferential or belt highway bypassing a community\*
- ◆ Addition of interchanges or major interchange modifications to a completed freeway or expressway
- ◆ New bridge providing new access to an area; bridge replacements

\* Alternative Corridor Evaluations



# Qualifying Public Transportation Projects

- ◆ Rail – non-passenger rail on the SIS, new commuter rail, or new freight rail extending beyond current footprint
- ◆ Transit – new facility, new terminal, New Start project extending beyond current footprint

## ETDM Screening Matrix for Qualifying Projects

	<b>Federal Dollars</b> (any FHWA, FTA or FRA funds or federal authorization)		<b>State Dollars</b> (TRIP, Transit/ Intermodal System Grants, etc) No Federal Dollars Involved		<b>Local Dollars Only</b>	
	Responsible Agency	ETDM Screening	Responsible Agency	ETDM Screening	Responsible Agency	ETDM Screening
<b>System</b>						
Highways on the State Highway System (SHS) and on the Strategic Intermodal System (SIS)	FDOT	YES FDOT Lead	FDOT	YES	FDOT	YES
	Local		Local and FDOT	Local Option	Local and FDOT	Local Option
Highways on the SHS but not on the SIS	FDOT	YES FDOT Lead	FDOT	YES	FDOT	YES
	Local		Local and FDOT	Local Option	Local and FDOT	Local Option
Highways not on SHS but on the SIS	FDOT	YES FDOT Lead	FDOT	YES	FDOT	YES
	Local		Local and FDOT	Local Option	Local and FDOT	Local Option
Highways not on SHS nor on the SIS	FDOT	YES FDOT Lead	FDOT	YES	Local	N/A
	Local		Local	Local Option		
Major Transit Projects (new fixed guideway, New Starts) or Major Freight Projects	FDOT	YES	FDOT	YES	Local	N/A
	Local	Local Option	Local	Local Option		

**NOTE:** Local applies to any local government agency, other state agency, expressway authority, bridge authority or private entity

# Who is responsible for the Project evaluation?

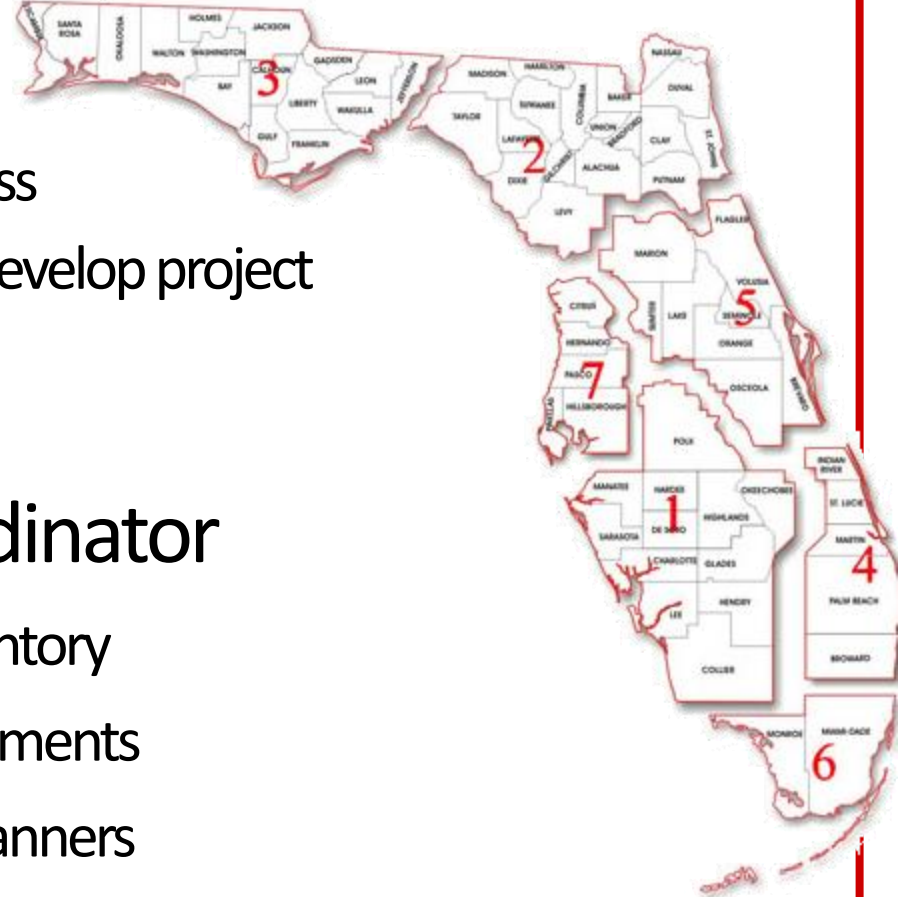
## ◆ Planning/Programming Screens

- ETDM Coordinator

- Coordinate activities of the process
  - prepare Summary Report, develop project information, etc.
- Initiate project screens

- Community Liaison Coordinator

- Prepare sociocultural effects inventory
- Solicit and respond to public comments
- Working with community and planners



# Who is responsible for the Project evaluation?

## ◆ Planning/Programming Screens (cont.)

- Project Managers

- Refine project information
- Work with CLC and ETDM Coordinator to develop SDOEs, Summary Reports, public participation activities



- ETAT Reviewers

- Speaks for agency (versed in statutory and regulatory authority)
- Each district has an ETAT representative
- Role shifts from recommendations in planning screen to NEPA scoping in Programming and coordination in PD&E

## ◆ PD&E Phase

- Project-specific team



# Environmental Screening Tool

- ◆ Integrate Data From Multiple Sources
- ◆ Analyze Environmental Effects
- ◆ Communicate Information
- ◆ Store And Report Results
- ◆ Maintain Project Records





# Environmental Screening Tool

- ◆ Prescreening of plan
  - Assist with comparison and prioritization of proposed projects
  - Identification of potential environmental issues
- ◆ Project review
  - Early and continuous coordination with partners and stakeholders
  - Expert assistance with evaluation of alternatives and identification of issues
  - Documentation
- ◆ Coordinates technical study and environmental document review

# EST Sites

**etdm**

Efficient Transportation Decision Making

**est**

Environmental Screening Tool



## est NewsFeed

\* Good News, Everyone! We've Streamlined the EST, with a New Look and Easier Interface!

\* GIS Data Updated 03/01/2012... click

User Name:   
Password:

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For additional information, please e-mail questions or comments to Florida Department of Transportation Environmental Management Office help@fa-etat.org or call 850-414-5334

## Secure Site

## Public Site

**etdm**

Efficient Transportation Decision Making

Welcome ETDM Program Information Project Information

[Project Search](#) [new search](#)

Select a search option:

- Project Number
- Project Name
- Planning Organization
- County
- District
- Degree of Effect
- Project Phase

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ETDM Program Information  
Overview  
Agency Review Responsibilities  
Document Library  
Guidance  
Manuals  
Acronyms  
Glossary  
Agency Agreements  
Annual Reports

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This site provides public access to information about proposed transportation projects, agency comments on a variety of environmental and socioeconomic issues associated with those projects, and various reports associated with the ETDM Process and specific projects.

To view information about a specific transportation project or group of projects, use the "Find a Project" feature on the Welcome

Thank you for visiting the Efficient Transportation Decision Making (ETDM) Web site. This site makes information available about proposed transportation projects, agency comments on a variety of environmental and socioeconomic issues associated with those projects, and various documents describing the ETDM Process.

Learn more about the ETDM Process by reading the Overview paper found under the "ETDM Program Information" pull-down. Then explore more detailed information about the ETDM Process under this menu (for example, a glossary of ETDM terms and the Document Library).

To find a proposed transportation project in the ETDM Process, use the "Project Search" feature on this page. If you know the ETDM number assigned to the project, select the "Project Number" search option, then enter the project number and press "go." Projects can also be found by typing in the Project Name, Planning Organization, the County or FDOT District where the project is located. Select one of these options from the "Project Search" menu, type in the pertinent information, and then press "go."

After selecting a project of interest, use the "View Interactive Map" option or the "Project Information" pull-down menu to view specific information about the project. The "Project Information" menu includes printable standard maps created for the selected project in PDF format. It also provides access to an interactive map viewer, which allows you to query the data on the map and change which features are shown on the map. In addition, the menu also includes various reports that describe the selected project and its alternative corridors, comments received from the Environmental Technical Advisory Teams (ETAT) and data queries identifying natural, cultural and community resources in the project vicinity.

Sign up to receive site updates and emails about projects as they move through the ETDM process. Register on the "Subscribe/Unsubscribe" page found in the "Welcome" pull-down menu.

Notice as you open pages, the Help box at the bottom left-hand corner of the site changes to provide a description and instructions for the page you are on. Other information (such as how to contact us, a list of Frequently Asked Questions, and a Site Map) can be accessed via the "Welcome" pull-down menu. The bottom toolbar provides quick links to a site map, ETDM contact information and the FDOT internet privacy statement.

If you need further assistance using the ETDM web site, please contact us at the ETDM Help Desk by emailing publichelp@fa-etat.org or calling (850) 414-5334.

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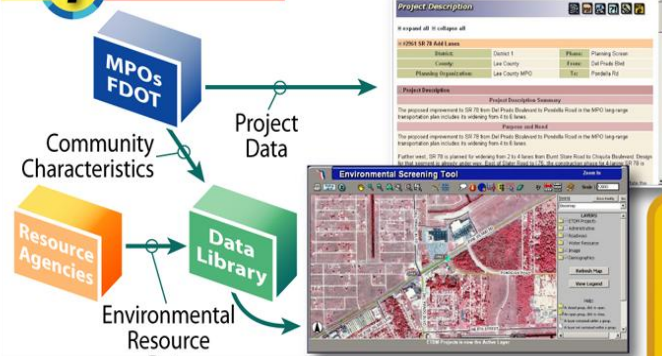
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Data is integrated from multiple sources into one statewide library.

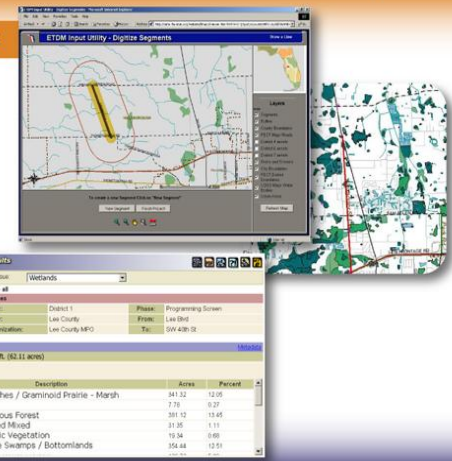
## Step 1 Data Entry



Project effects to the natural and human environment are analyzed.

## Step 2 GIS Analysis

Automated Graphic and Tabular Results



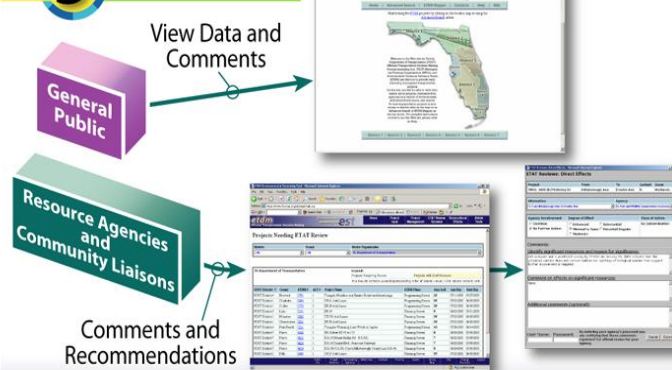
## The Technology System

Entry portal for Internet-accessible Environmental Screening Tool



Agency and public concerns are communicated.

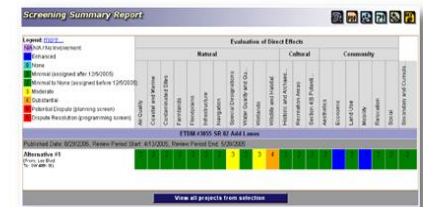
## Step 3 Project Review



Evaluation results are summarized and stored.

## Step 4 Summary Reports

- Summary of Effects
- Commitments
- Responses



Color-coded degree of effect by technical issue

# For Technical Assistance

- ◆ [help@fla-etat.org](mailto:help@fla-etat.org)
- ◆ 850-414-5334
- ◆ Training
  - Hands-on workshops
  - Web-based classes
- ◆ User Support
  - On-line self help
  - Help Desk
  - Remote Desktop

# Questions?

**Peter McGilvray**  
**Project Screening & Technologies Administrator**  
**Peter.mcgilvray@dot.state.fl.us**  
**850-414-5330**

